



United States Patent and Trademark Office

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450 www.uspto.gov

NOTICE OF ALLOWANCE AND FEE(S) DUE

23628

7590

10/20/2004

WOLF GREENFIELD & SACKS, PC FEDERAL RESERVE PLAZA 600 ATLANTIC AVENUE BOSTON, MA 02210-2211

EXA	AMINER
СНО	I, WOO H
ART UNIT	PAPER NUMBER
2104	

DATE MAILED: 10/20/2004

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/809,173	03/24/2004	Ishay Kedem	E0195.70041US01	7774

TITLE OF INVENTION: METHOD AND APPARATUS FOR MANAGING THE DYNAMIC ASSIGNMENT OF RESOURCES IN A DATA STORAGE SYSTEM

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE	
nonprovisional	NO	\$1370	\$0	\$1370	01/21/2005	

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE REFLECTS A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE APPLIED IN THIS APPLICATION. THE PTOL-85B (OR AN EQUIVALENT) MUST BE RETURNED WITHIN THIS PERIOD EVEN IF NO FEE IS DUE OR THE APPLICATION WILL BE REGARDED AS ABANDONED.

HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.

B. If the status above is to be removed, check box 5b on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

A. Pay TOTAL FEE(S) DUE shown above, or

B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.

II. PART B - FEE(S) TRANSMITTAL should be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). Even if the fee(s) have already been paid, Part B - Fee(s) Transmittal should be completed and returned. If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail

Mail Stop ISSUE FEE Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

(703) 746-4000 or <u>Fax</u>

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where

indicated unless corrected maintenance fee notificatio	below or directed otherwise	in Block I, by (a) sp	pecifying a new co	orrespondence address	; and/or (b) indicating a sepa	rate "FEE ADDRESS" for	
CURRENT CORRESPONDENCE	CE ADDRESS (Note: Use Block 1 for	any change of address)	"	Note: A certificate of	mailing can only be used for is certificate cannot be used	or domestic mailings of the	
				papers. Each addition:	al paper, such as an assignme	or any other accompanying int or formal drawing, must	
	590 10/20/2004			have its own certificat	e of mailing or transmission.	•	
	FIELD & SACKS, PO			Cer	rtificate of Mailing or Trans	mission	
FEDERAL RESEI				I hereby certify that the States Postal Service	his Fee(s) Transmittal is being with sufficient postage for fir	g deposited with the United st class mail in an envelope	
600 ATLANTIC A				addressed to the Mai transmitted to the USF	nis Fee(s) Transmittal is being with sufficient postage for fir il Stop ISSUE FEE address PTO (703) 746-4000, on the d	above, or being facsimile	
BOSTON, MA 02	210-2211					(Depositor's name)	
						(Signature)	
		•		 		(Date)	
APPLICATION NO.	FILING DATE	FIR	ST NAMED INVEN	TOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.	
10/809,173	03/24/2004	1110			E0195.70041US01	7774	
•			Ishay Kedem				
TITLE OF INVENTION: N	METHOD AND APPARATU	IS FOR MANAGING	THE DYNAMIC	ASSIGNMENT OF R	ESOURCES IN A DATA ST	ORAGE SYSTEM	
APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PU	BLICATION FEE	TOTAL FEE(S) DUE	DATE DUE	
nonprovisional	NO	\$1370		\$0	\$1370	01/21/2005	
EXAN	MINER	ART UNIT	CI	ASS-SUBCLASS]	•	
сноі,	WOO H	2186		711-117000			
1. Change of correspondence	ce address or indication of "F	ee Address" (37	2. For printing on t	he patent front page, li	st		
CFR 1.363).	dence address (or Change of	Corrognondonas	(1) the names of u or agents OR, alter	p to 3 registered pate	nt attorneys 1		
Address form PTO/SB/1	22) attached.	-		• .	a member a 2		
"Fee Address" indica	tion (or "Fee Address" Indica	ation form	registered attorney	ingle firm (having as or agent) and the nan	nes of up to		
Number is required.	or more recent) attached. Us	e of a Customer	listed, no name wil	attorneys or agents. If I be printed.	no name is 3		
3. ASSIGNEE NAME ANI	D RESIDENCE DATA TO B	E PRINTED ON THE	PATENT (print o	r type)			
PLEASE NOTE: Unless	s an assignee is identified be n 37 CFR 3.11. Completion	clow, no assignee data of this form is NOT a	a will appear on the	ne patent. If an assign	nee is identified below, the d	ocument has been filed for	
(A) NAME OF ASSIGN		•		Y and STATE OR CO			
(A) NAME OF ABBION	ILL	(<i>B</i>) <i>R</i>	LSIDENCE. (CIT	I alla BIATE OR CO	O.VIRT)		
						•	
Please check the appropriat	e assignee category or catego	ries (will not be printe	ed on the natent):	□ Individual □ C	orporation or other private gro	oun entity Government	
4a. The following fee(s) are			ayment of Fee(s):	- Individual - C	orporation of other private gr	Jup chiny — Government	
Issue Fee	, cherosca.	_	•	nount of the fee(s) is en	nclosed		
Publication Fee (No small entity discount permitted)			Payment by credit card. Form PTO-2038 is attached.				
Advance Order - # of Copies			The Director is hereby authorized by charge the required fee(s), or credit any overpayment, t				
		De	posit Account Nu	nber	(enclose an extra c	opy of this form).	
	s (from status indicated above		1	1	LL ENTITY status. See 37 C	FD 1 27(~)(2)	
	SMALL ENTITY status. See						
NOTE: The Issue Fee and I interest as shown by the rec	on significant in services in the last Publication Fee (if required) words of the United States Paternal Inc.	ue Fee and Publication will not be accepted fro ent and Trademark Off	or to (if any) or to om anyone other the fice.	re-apply any previous ian the applicant; a reg	ly paid issue fee to the applications attorney or agent; or the	ne assignee or other party in	
Authorized Signature				Date			
_					n No		
yped of printed name _							
This collection of informati an application. Confidentia submitting the completed a this form and/or suggestion Box 1450, Alexandria, Virg Alexandria, Virginia 22313	on is required by 37 CFR 1.3 lity is governed by 35 U.S.C pplication form to the USPT is for reducing this burden, slighia 22313-1450. DO NOT -1450.	11. The information is 122 and 37 CFR 1.14 O. Time will vary de hould be sent to the Cl SEND FEES OR COM	s required to obtain 4. This collection in pending upon the inhibition C MPLETED FORM	or retain a benefit by s estimated to take 12 ndividual case. Any fficer, U.S. Patent and S TO THIS ADDRES	the public which is to file (an minutes to complete, includio omments on the amount of ti I Trademark Office, U.S. Dep S. SEND TO: Commissioner	1 by the USPIO to process) 1g gathering, preparing, and me you require to complete artment of Commerce, P.O. for Patents, P.O. Box 1450,	

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.



United States Patent and Trademark Office

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450

APPLICATION NO. FILING DATE		FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO	
10/809,173 03/24/2004		Ishay Kedem	E0195.70041US01	7774	
23628	7590	10/20/2004		EXAM	INER
WOLF GREEN		& SACKS, PC		CHOI, V	voo н
600 ATLANTIC			•	ART UNIT	PAPER NUMBER
BOSTON, MA	2210-22	11		2186	

DATE MAILED: 10/20/2004

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 0 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 0 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (703) 305-1383. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at (703) 305-8283.



United States Patent and Trademark Office

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450 www.uspto.gov

APPLICATION NO. FILING DATE		FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/809,173	03/24/2004	Ishay Kedem	E0195.70041US01	7774
23628 7	590 10/20/2004		EXAM	INER
	FIELD & SACKS, PC	CHOI, WOO H		
FEDERAL RESERT			ART UNIT	PAPER NUMBER
BOSTON, MA 02	210-2211		2186	., .

DATE MAILED: 10/20/2004

Notice of Fee Increase on October 1, 2004

If a reply to a "Notice of Allowance and Fee(s) Due" is filed in the Office on or after October 1, 2004, then the amount due will be higher than that set forth in the "Notice of Allowance and Fee(s) Due" because some fees will increase effective October 1, 2004. See Revision of Patent Fees for Fiscal Year 2005; Final Rule, 69 Fed. Reg. 52604, 52606 (May 10, 2004).

The current fee schedule is accessible from WEB site (http://www.uspto.gov/main/howtofees.htm).

If the fee paid is the amount shown on the "Notice of Allowance and Fee(s) Due" but not the correct amount in view of the fee increase, a "Notice of Pay Balance of Issue Fee" will be mailed to applicant. In order to avoid processing delays associated with mailing of a "Notice of Pay Balance of Issue Fee," if the response to the Notice of Allowance is to be filed on or after October 1, 2004 (or mailed with a certificate of mailing on or after October 1, 2004), the issue fee paid should be the fee that is required at the time the fee is paid. See Manual of Patent Examining Procedure (MPEP), Section 1306 (Eighth Edition, Rev. 2, May 2004). If the issue fee was previously paid, and the response to the "Notice of Allowance and Fee(s) Due" includes a request to apply a previously-paid issue fee to the issue fee now due, then the difference between the issue fee amount at the time the response is filed and the previously-paid issue fee should be paid. See MPEP Section 1308.01.

Effective October 1, 2004, 37 CFR 1.18 is amended by revising paragraphs (a) through (c) to read as set forth below.

Section 1.18 Patent post allowance (including issue) fees.

(a) Issue fee for issuing each original or reissue patent, except a design or plant patent:

(b) Issue fee for issuing a design patent:

By a small entity (Sec. 1.27(a))......\$245.00

By other than a small entity......\$490.00

(c) Issue fee for issuing a plant patent:

By other than a small entity......\$660.00

Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at (703) 305-8283.